IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applications of:	)	
See attached table of Exhibit A	)	**POWER OF ATTORNEY AND**
	)	**REVOCATION OF PRIOR**
Serial No.:	)	**POWERS OF ATTORNEY**
	)	
Filing Date:	)	
	)	
For:	)	
_____	)	

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

    Sony Corporation and Sony Electronics Inc., owners of record of the applications included within the table of Exhibit A attached hereto, hereby revokes all prior powers of attorney which may have been filed with these patent applications and appoints the members of the firm of HAVERSTOCK & OWENS LLP, a firm including Jonathan O. Owens (Reg. No. 37,902) and Thomas B. Haverstock (Reg. No. 32,571), as its attorneys with full power of substitution to transact all business in the Patent and Trademark Office in connection therewith.

    Sony Corporation and Sony Electronics Inc. also hereby appoint the following attorney(s) and/or agent(s) to prosecute these applications and transact all business in the Patent and Trademark Office connect therewith:

Harold T. Fujii	Reg. No. 38,458	Frederick J. Zustak	Reg. No. 36,728
Milton M. Frazier	Reg. No. 44,687	Hans R. Mahr	Reg. No. 46,138
Loren H. McRoss	Reg. No. 40,427		

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Dated: _8 · 2L – Lo i~_   Sony Corporation and Sony Electronics Inc.

        By: _____

        Name: _Harold T. Fujii_

        Title: _Vice President, Chief Patent Counsel_

Title	Application No.	Date	Patent No.	Date	Inventor	Reference	SONY No.
USER INTERFACE WITH THIN DISPLAY DEVICE	11/069,614	2/28/05	7,692,634 B2	4/6/10	Ryuichi Iwamura	50U7032.01	SONY-49800
USER INTERFACE WITH THIN DISPLAY DEVICE	12/058,194	03/28/08			Ryuichi Iwamura	50U7032.02	SONY-49801
A SYSTEM AND METHOD FOR CORRECTING ARTIFACTS IN SEQUENTIAL IMAGERS CAUSED BY TRANSIENT LIGHT DISTURBANCES	12/379,450	2/23/09			Juan A. Martinez Andrew M. Berger	200802363.02	SONY-49900
SINGLE CAMERA DEVICE AND METHOD FOR 3D VIDEO IMAGING USING A REFRACTING LENS ARRAY	12/320,309	01/23/09			Andrew M. Berger	200802348.02	SONY-50000

SYSTEM AND METHOD OF SECURING INFORMATION USING REMOTE ACCESS CONTROL AND DATA ENCRYPTION	12/382,023	3/6/09	Konstantin D. Dinov	200802424.01	SONY-51000
TELEVISION OPERATIVE TO DOWNLOAD NEW FUNCTIONAL APPLICATIONS VIA AN EXTERNAL SOFTWARE MODULE AND TO EXECUTE THE SAME WITHOUT ADDITIONAL HARDWARE	12/379,335	02/19/09	Guillermo Castano	200802354.01	SONY-51300
CUTTING APPARATUS	12/213,240	05/21/12	Esteban A. Alverez Serrano	50X9267	SONY-51500

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PROGRESS BAR WITH MULTIPLE PORTIONS	10/925,546	08/25/04	7,290,698	11/6/07	Thomas Poslinski Kim Annon Ryal	50T5854.01	SONY-51600
PROGRESS BAR WITH MULTIPLE PORTIONS	11/757,233	06/01/07			Thomas Poslinski Kim Annon Ryal	50T5854.02	SONY-51601
METHOD AND SYSTEM FOR DISPLAYING PORTIONS OF RECORDED MEDIA CONTENT INSTANCES	10/926,823	08/26/04			Thomas Poslinski	50T5844.01	SONY-51900
DISPLAY SYSTEM AND METHOD FOR A FREEZE FRAME FEATURE FOR STREAMING VIDEO	12/32,402	01/26/09			Xiangpeng Jing Seungwook Hong Aixin Liu Djung Nguyen	200802129.01	SONY-52000
NETWORK REMOTE CONTROL	10/926,920	08/26/04	8,054,854	11/08/11	Thomas Poslinski	50T5836.01	SONY-52100
NETWORK REMOTE CONTROL	13/137,551	08/25/11			Thomas Poslinski	50T5836.02	SONY-52101

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Title	Application No.	Filing Date	Patent No.	Issue Date	Inventors	Docket	Reference
METHOD AND APPARATUS FOR AUTOMATICALLY UPDATING A PRIMARY DISPLAY AREA	12/382,324	03/13/09	8,136,051	03/13/12	Steven Friedlander Hyehoon Yi	50X9427.01	SONY-52200
METHOD AND APPARATUS FOR AUTOMATICALLY UPDATING A PRIMARY DISPLAY AREA	13/346,909	01/10/12			Steven Friedlander Hyehoon Yi Contact: Milton Fraizer	50X9427.02	SONY-52201
METHODS AND APPARATUSES FOR DISPLAYING CONTENT THROUGH A STORAGE DEVICE	10/815,016	03/31/04	7,616,860	11/10/09	Ellen Glassman David Farrage Yumiko Takagi Michelle Koza Paul H. Feinberg	50T5468.01	SONY-52300
METHODS AND APPARATUSES FOR DISPLAYING CONTENT THROUGH A STORAGE DEVICE	12/458,980	07/29/09			Ellen Glassman David Farrage Yumiko Takagi Michelle Koza Paul H. Feinberg	50T5468.02	SONY-52301

TRANSITIONING BETWEEN TWO HIGH RESOLUTION VIDEO SOURCES	12/349,444	01/06/09	7,705,859	04/27/10	Tonni Sandager Larsen Koji Matsubayashi	50T5639.04	SONY-52400
TRANSITIONING BETWEEN TWO HIGH RESOLUTION VIDEO SOURCES	12/606,564	10/27/09			Tonni Sandager Larsen Koji Matsubayashi	50T5639.05	SONY-52401
FUSE DEVICE WITH INTEGRATED SWITCH	11/790,339	04/25/07	7,639,112	12/29/09	Leonard D. Nicoletti, III Contact: Milton Frazier	50W8599.01	SONY-52600
FUSE DEVICE WITH INTEGRATED SWITCH	12/578,220	10/13/09	7,965,168	06/21/11	Leonard D. Nicoletti, III Contact: Milton Frazier	50W8599.02	SONY-52601

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METHOD AND APPARATUS FOR PROVIDING FEEDBACK REGARDING DIGITAL CONTENT WITHIN A SOCIAL NETWORK	12/076,598	03/20/08		Anthony Capobianco Contact Milton Frazier	50X8912.01	SONY-52700
METHOD TO REDUCE THE COST OF PRODUCTION SOFTWARE UPGRADES AFTER PRODUCTION	12/379,726	02/27/09		Norifumi Takaya	200802309.01	SONY-52800
METHOD AND SYSTEM FOR INTERACTIVE DIGITAL RADIO BROADCASTING AND MUSIC DISTRIBUTION	09/197,506	11/23/07	6,990,312	01/24/06	Richard Gioscia Yumi Sonoda Jan-Christoph Zoels	50M2708	SONY-53200

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Title	Application No.	Date	Inventors		SONY No.
METHOD AND SYSTEM FOR INTERACTIVE DIGITAL RADIO BROADCASTING AND MUSIC DISTRIBUTION	11/157,861	06/22/05	Richard Gioscia Yumi Sonoda Jan-Christoph Zoels	50M2708.01	SONY-53201
APPARATUS AND METHOD FOR SORTING VIDEO INPUTS IN INPUT SELECT MENU OF DISPLAY DEVICE	12/379,822	03/03/09	Koji Matsubayashi	50X9404.01	SONY-53300
METHOD AND APPARATUS FOR CONVERTING DIGITAL PICTURES FOR STORAGE AND PLAYBACK FROM OPTICAL DISCS	11/783,955	04/13/07	Vincent Chiu Joseph Maciel	50W8687.02	SONY-53500
SYSTEMS AND METHODS FOR TELEVISION ANTENNA OPERATION	10/811,036	03/26/04	Peter Rae Shintani Robert Noel Blanchard	50T5727.01	SONY-53700

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SINGLE CAMERA DEVICE AND METHOD FOR 3D VIDEO IMAGING USING A REFRACTING LENS	12/320,310	01/23/09	Andrew M. Berger	20082351.02	SONY-53800
SYSTEM AND METHOD FOR TRANSMITTING DATA OVER AN AUDIO COMMUNICATIO N LINK	12/588,373	10/14/09	Robert Hardacker	20082475.01	SONY-54100
IMPROVED ACCESSIBILITY SYSTEM FOR CONSUMER DEVICES	12/401,433	03/10/09	Peter Shintani	20082357.01	SONY-54300

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TRANSISTOR WITH ENHANCES CAPACITANCE AT ELECTRODES AND TRANSISTOR WITH LIGHT EMITTING CAPACITIVE ELEMENT	12/453,150	04/30/09			Leonard D. Nicoletti, III	2008102130.01	SONY-54400
METHODS AND APPARATUSES FOR DISPLAYING INTERACTIVE CONTENT THROUGH A DEVICE	10/803,560	03/17/04	8,057,306	11/15/11	Ellen Glassman David Farrage Yumiko Takagi Michele Koza Paul Feinberg	50TS426.01	SONY-54500
METHODS AND APPARATUSES FOR DISPLAYING INTERACTIVE CONTENT THROUGH A DEVICE	13/137,637	08/31/11			Ellen Glassman David Farrage Yumiko Takagi Michele Koza Paul Feinberg	50TS426.02	SONY-54501

EXHIBIT A

Title	Application No.	Filing Date	Patent No.	Issue Date	Inventor	Docket No.	Sony No.
SYSTEM AND METHOD FOR REQUEST, DELIVERY AND USE OF MULTIMEDIA FILES FOR AUDIOVISUAL ENTERTAINMENT IN THE HOME ENVIRONMENT	09/734,382	12/11/00	6,778,869	08/17/04	Mark Champion	50P4263	SONY-54600
SYSTEM AND METHOD FOR REQUEST, DELIVERY AND USE OF MULTIMEDIA FILES FOR AUDIOVISUAL ENTERTAINMENT IN THE HOME ENVIRONMENT	10/884,694	0702/04	7,509,181	03/24/09	Mark Champion	50P4263.01	SONY-54601

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Title	Application No.	Date	Inventors	Docket	Sony No.
SYSTEM AND METHOD FOR REQUEST, DELIVERY AND USE OF MULTIMEDIA FILES FOR AUDIOVISUAL ENTERTAINMENT IN THE HOME ENVIRONMENT	13/137,552	08/25/11	Mark Champion	50P4263.02	SONY-54602
PIPELINED IMAGE PROCESSING ENGINE	12/457,858	06/24/09	Herman K.Gala	50P4263.02	SONY-54700
INTERACTIVE ACCESS TO MEDIA OR OTHER CONTENT RELATED TO CURRENT PROGRAM	12/402,215	03/11/09	Steven Friedlander Tracy Ho Yuko Nishikawa Sabrina Yeh Hyehoon Yi	200802382.01	SONY-54800

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AUDIO DATA DISTRIBUTION SYSTEM AND METHOD FOR GENERATING A PHOTO SLIDESHOW WHICH AUTOMATICALLY SELECTS MUSIC	12/232,209	09/12/08		Nobukazu Sugiyama	50X9364.01	SONY-54900

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